



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/885,995	06/21/2001	Scott J. Broussard	AUS920010266US1	5252

35617 7590 02/12/2004

CONLEY ROSE, P.C.
P.O. BOX 684908
AUSTIN, TX 78768

EXAMINER

MOSLEHI, FARHOOD

ART UNIT	PAPER NUMBER
----------	--------------

2154

DATE MAILED: 02/12/2004

6

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/885,995

Applicant(s)

BROUSSARD, SCOTT J.

Examiner

Farhood Moslehi

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Applicant's argument on page 9 of the "Response to Office Action Mailed 10/3/2003" is found to be valid.
2. Claims 1-15 are presented for examination.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claim 1-2, 4-7, 9-15 are rejected under 35 U.S.C. 102(b) as being anticipated by DeMaster (6,066,181).

5. As per claim 1, DeMaster teaches a computer system, comprising:

A runtime operating environment that comprises a computer processor and an operating system adapted to execute:

A first object code portion containing instructions for eliciting certain actions from a Java Virtual Machine (JVM) associated with any of plurality of operating environments (Figure 1, object 140 and 135);

A second object code portion containing instructions for eliciting certain actions from the operating system associated with the runtime operating environment (Figure 1, object 100); and first and second source code portions, wherein the first object code portion is

Art Unit: 2154

derived from the first source code portion, the second object code portion is derived from the second source code portion, and wherein the second source code portion is adapted to derive a third code portion containing instructions for eliciting certain actions from a second operating environment, different from the runtime operating environment (Figure 1, object 128. Object is generated by Java code generator).

6. As per claim 6, it is rejected for similar reasons as stated above.
7. As per claim 13, it is rejected for similar reasons as stated above.
8. As per claim 2, DeMaster teaches the computer system, wherein execution of the instructions contained within the first and second code portions may be initiated by a Java application program acting within the runtime operating environment (e.g. col. 2, lines 34-44).
9. As per claim 7, it is rejected for similar reasons as stated above.
10. As per claim 4, DeMaster clearly shows the computer system, wherein the second source code portion comprises definitions of native methods of Java AWT Component peer classes written in the C/C++ programming language (e.g. col. 4, lines 1-11).
11. As per claim 5, DeMaster teaches the computer system, wherein the second object code portion comprises a host platform interface (HPI) between the AWT component Peer classes and the runtime operating environment (e.g. col. 4, lines 64-67 and col. 5, lines 1-10).
12. As per claim 12, it is rejected for similar reasons as stated above.
13. As per claim 15, it is rejected for similar reasons as stated above.

Art Unit: 2154

14. As per claim 9, DeMaster clearly shows the method, wherein the first code is written in the Java programming language (e.g. Figure 1, object 140).

15. As per claim 10, DeMaster shows the method, further comprising defining native methods of Java AWT Component Peer classes in the second code (e.g. col. 2, lines 1-21. AWT is simply one of many classes within Java, the native interface code generator can generate any code including the AWT in native programming language).

16. As per claim 11, it is rejected for similar reasons as stated above.

17. As per claim 14, DeMaster shows the computer-readable storage device, wherein the first source code portion comprises definitions of at least some of the Java AWT Component Peer classes (e.g. col. 2, lines 23-33. The Interface Definition Language is used to define different Java classes. AWT is one of many classes that is defined by IDL. Moreover, this claim is rejected for similar reasons as stated in claim 8).

Claim Rejections - 35 USC § 103

18. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

19. Claims 3 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over DeMaster in view of in view of Sun Microsystems, Inc. "The AWT Native Interface", Copyright 1999 (hereinafter Sun).

Art Unit: 2154

As per claim 3, DeMaster does not show a system wherein the first source code portion comprises definitions of Java abstract windowing toolkit (AWT) Component Peer classes written in the Java programming language. Sun shows the source code portion, which comprises of definitions of Java AWT (e.g. page 3 and 4, "MyCanvas class" computer code). It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine DeMaster with Sun because it would provide for creation of Java AWT Component Peer classes written in Java programming language.

20. As per claim 8, it is rejected for similar reasons as stated above.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Farhood Moslehi whose telephone number is 703-305-8646. The examiner can normally be reached on M-F 8:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on 703-305-8498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100